



Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/535,571
Filing Date	May 19, 2005
First Named Inventor	Kadyk
Art Unit	
Examiner Name	
Attorney Docket Number	EX03-089C-US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/C.C./	1	International Human Genome Sequencing Consortium. Homo sapiens KIAA0551 protein (KIAA0551), mRNA. GI:22041067 03-JAN-2003	
	2	Nagase, T., et al. Homo sapiens mRNA for KIAA0551 protein, partial cds. GI:20521082 10-MAY-2002	
	3	Kawakami, T., et al. Homo sapiens cDNA: FLJ22617 fs, clone KIAA3476, highly similar to AF172271 Homo sapiens Traf2 and NCK interacting kinase splice variant 8 (TNIK) mRNA. GI:10439341 13-SEP-2003	
	4	Fu, C.A., et al. Homo sapiens Traf2 and NCK interacting kinase, splice variant 3 (TNIK) mRNA, complete cds. GI:6110351 25-OCT-1999	
	5	Fu, C.A., et al. Homo sapiens Traf2 and NCK interacting kinase, splice variant 5 (TNIK) mRNA, complete cds. GI:6110355 25-OCT-1999	
	6	Fu, C.A., et al. Homo sapiens Traf2 and NCK interacting kinase, splice variant 6 (TNIK) mRNA, complete cds. GI:6110359 25-OCT-1999	
	7	Fu, C.A., et al. Homo sapiens Traf2 and NCK interacting kinase, splice variant 7 (TNIK) mRNA, complete cds. GI:6110361 25-OCT-1999	
	8	Fu, C.A., et al. Homo sapiens Traf2 and NCK interacting kinase, splice variant 8 (TNIK) mRNA, complete cds. GI:6110364 25-OCT-1999	
	9	Strausberg, R. Homo sapiens, clone IMAGE:4651684, mRNA, partial cds. GI:17512195 11-DEC-2001	
	10	Fu, C.A., et al. Homo sapiens Traf2 and NCK interacting kinase, splice variant 2 (TNIK) mRNA, complete cds. GI:6110349 25-OCT-1999	
	11	Strausberg, R.L., et al. Homo sapiens TRAF2 and NCK interacting kinase, mRNA (cDNA clone IMAGE:4838784), complete cds. GI:33416309 28-JUL-2005	

Examiner Signature	/Changhwa Chew/	Date Considered	11/23/2010
-----------------------	-----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.C./



Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 4

Complete if Known

Application Number	10/535,571
Filing Date	May 19, 2005
First Named Inventor	Kadyk
Art Unit	
Examiner Name	
Attorney Docket Number	EX03-089C-US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/C.C./	12	Wright, J.H., et al. Homo sapiens mitogen-activated protein kinase kinase kinase 4 (MAP4K4), transcript variant 1, mRNA. GI:22035601 20-DEC-2003	
	13	Yao, Z., et al. Homo sapiens mitogen-activated protein kinase kinase kinase 4 (MAP4K4), mRNA. GI:4758523 01-NOV-2000	
	14	NCBI Annotation Project. Homo sapiens mitogen-activated protein kinase kinase kinase 4 (MAP4K4), mRNA. GI:18553055 05-FEB-2002	
	15	Ishikawa, K., et al. Homo sapiens mRNA for KIAA0687 protein, partial cds. GI:3327187 06-FEB-1999	
	16	Bahr, A., et al. Homo sapiens mRNA; cDNA DKFZp434A025 (from clone DKFZp434A025). GI:6808458 16-APR-2005	
	17	Kawabata, A., et al. Homo sapiens cDNA: FLJ21957 fis, clone HEP05344. GI:10438179 13-SEP-2003	
	18	Ota, T., et al. Homo sapiens cDNA FLJ10410 fis, clone NT2RP1000018, highly similar to Homo sapiens mRNA for KIAA0687 protein. GI:7022424 30-JAN-2004	
	19	Wright, J.H., et al. Homo sapiens mitogen-activated protein kinase kinase kinase 4 (MAP4K4), transcript variant 2, mRNA. GI:22035603 21-DEC-2003	
	20	Wright, J.H., et al. Homo sapiens mitogen-activated protein kinase kinase kinase 4 (MAP4K4), transcript variant 3, mRNA. GI:22035605 21-DEC-2003	
	21	Dan, I., et al. Homo sapiens Misshapen/NIK-related kinase (MINK), mRNA. GI:7657334 10-DEC-2001	
	22	Strausberg, R.L., et al. Homo sapiens misshapen-like kinase 1 (zebrafish), transcript variant 3, mRNA (cDNA clone MGC:21111 IMAGE:4384442), complete cds. GI:21961594 09-JUL-2005	

Examiner Signature	/Changhwa Cheu/	Date Considered	11/23/2010
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.99. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.C./



Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 4

Complete if Known

Application Number	10/535,571
Filing Date	May 19, 2005
First Named Inventor	Kadyk
Art Unit	
Examiner Name	
Attorney Docket Number	EX03-089C-US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/C.C./	23	Dan, J., et al. Homo sapiens CHRNE, MINK genes for Achr epsilon subunit, GCK family kinase, partial cds. GI:21321027 03-JUL-2002	
	24	Ota, T., et al. Homo sapiens cDNA FLJ39291 fs, clone OCBF2012436, highly similar to Homo sapiens mRNA for Misschapien/NIK-related kinase MINK-1. GI:21756143 30-JAN-2004	
	25	Hu, Y., et al. Homo sapiens misschapien-like kinase 1 (zebrafish) (MINK1), transcript variant 1, mRNA. GI:27436915 25-AUG-2005	
	26	Hu, Y., et al. Homo sapiens misschapien-like kinase 1 (zebrafish) (MINK1), transcript variant 3, mRNA. GI:27436916 25-AUG-2005	
	27	Hu, Y., et al. Homo sapiens misschapien-like kinase 1 (zebrafish) (MINK1), transcript variant 2, mRNA. GI:27436918 25-AUG-2005	
	28	International Human Genome Sequencing Consortium. Homo sapiens similar to NIK-related kinase (LOC203447), mRNA. GI:20549227 28-APR-2003	
	29	NCI-CCAP. on05g09.y6 NCI_CCAP_Kid3 Homo sapiens cDNA clone IMAGE:1555840 5' similar to TR:O60298 O60298 KIAA0551 PROTEIN, mRNA sequence. GI:5340679 13-DEC-1999	
	30	Lauber, J., et al. Homo sapiens mRNA; cDNA DKFZp666A17109 (from clone DKFZp666A17109); complete cds. GI:31874847 17-APR-2005	
	31	Fu, C.A., et al. Traf2 and NCK interacting kinase, splice variant 2 [Homo sapiens]. GI:6110350 25-OCT-1999	
	32	Beausoleil, S.A., et al. mitogen-activated protein kinase kinase kinase kinase 4 isoform 1 [Homo sapiens]. GI:22035602 23-APR-2005	
	33	Hu, Y., et al. misschapien/NIK-related kinase isoform 1 [Homo sapiens]. GI:7657335 25-AUG-2005	

Examiner Signature	/Changhwa Cheu/	Date Considered	11/23/2010
-----------------------	-----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

(Use as many sheets as necessary)

Sheet	4	of	4
-------	---	----	---

Complete if Known

Application Number	10/535,571
Filing Date	May 19, 2005
First Named Inventor	Kadyk
Art Unit	
Examiner Name	
Attorney Docket Number	EX03-089C-US

NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature	/Changhwa Chew/	Date Considered	11/22/2010
-----------------------	-----------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.C./